

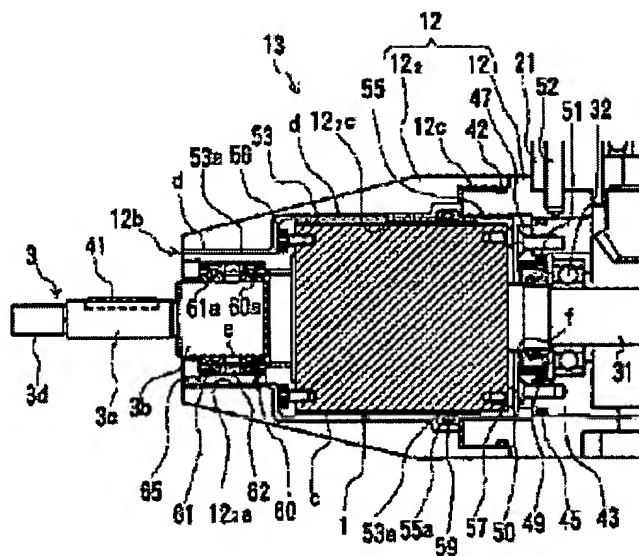
PROPELLER POWER TESTING MACHINE

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Abstract of JP2003075291

PROBLEM TO BE SOLVED: To eliminate the effect of friction on a detecting section by eliminating relative rotation at the touching part of an oil seal for sustaining the detecting section in watertight state. **SOLUTION:** A torque is transmitted from a spindle 31 through a detecting section 1 to an output shaft 3 being fixed with a propeller and the detecting section 1 detects the load torque and the thrust force of the propeller. Housings 53 and 55 are secured integrally to the detecting section and oil seals 60 and 61 are interposed between the hub section 53a of the housing and the boss section 3b of the output shaft. The oil seals seal between the detecting section and the housing and rotates integrally with the detecting section and the output shaft thus causing no relative rotation of the touching part 60a and 61a thereof.



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